

|  |  |  |
|--|--|--|
| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 2-2005)                        |  | ATTORNEY'S DOCKET NUMBER<br>277223US0PCT                     |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>10/551424 |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP04/16400  | INTERNATIONAL FILING DATE<br>5 November 2004 | PRIORITY DATE CLAIMED<br>6 November 2003                     |

TITLE OF INVENTION  
 PHOSPHORESCENT PHOSPHOR AND METHOD OF MANUFACTURING THEREOF

APPLICANT(S) FOR DO/EO/US  
 Yoneichi HIRATA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

|                        |  |
|------------------------|--|
| Application Data Sheet | Notice of Priority                           |
| Drawings (3 sheets)    | PTO-1449                                     |
| References Cited (3)   | Statement Regarding Declaration of Inventors |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |              |  |            |   |                   |
|--|--------------|--|------------|---|-------------------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5)<br><b>10/551424</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP04/16400</b>                 |            | ATTORNEY'S DOCKET NUMBER<br><b>277223US0PCT</b> |                   |
| The following fees are submitted:  |              |  |            | <b>CALCULATIONS</b>                             | <b>PTO USE</b>    |
| 24. <input checked="" type="checkbox"/> Basic national fee .....   |              | <b>\$300</b>   | \$         | <b>\$300.00</b>                                 |                   |
| 25. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....  |              | <b>\$100</b>   | \$         | <b>\$200.00</b>                                 |                   |
| All other situations. ....   |              | <b>\$200</b>   |            |   |                   |
| 26. <input checked="" type="checkbox"/> Search fee .....   |              |  |            |   |                   |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....  |              | <b>\$100</b>   |            |   |                   |
| International Search Report prepared and provided to the Office .....  |              | <b>\$400</b>   |            |   |                   |
| All other situations. ....   |              | <b>\$500</b>   | \$         | <b>\$400.00</b>                                 |                   |
| <b>TOTAL OF 24, 25 and 26 =</b>  |              |  | \$         | <b>\$900.00</b>                                 |                   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |              |  |            |   |                   |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE       |   |                   |
| - 100 =  | 0            | /50 =  | 0          | x \$250.00                                      | \$                |
|  |              |  |            |   | <b>\$0.00</b>     |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |            | \$  |                   |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE       |   |                   |
| Total claims   | 9 - 20 =     | 0  | x \$50.00  | \$  | <b>\$0.00</b>     |
| Independent claims   | 6 - 3 =      | 3  | x \$200.00 | \$  | <b>\$600.00</b>   |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/>  |              |  | + \$360.00 | \$  | <b>\$360.00</b>   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |            | \$  | <b>\$1,860.00</b> |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |            | \$  | <b>\$0.00</b>     |
| <b>SUBTOTAL =</b>  |              |  |            | \$  | <b>\$1,860.00</b> |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |            | \$  | <b>\$0.00</b>     |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |            | \$  | <b>\$1,860.00</b> |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |            | \$  | <b>\$0.00</b>     |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |            | \$  | <b>\$1,860.00</b> |
|  |              |  |            | <b>Amount to be</b>                             | \$                |
|  |              |  |            | <b>Amount to be</b>                             | \$                |

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

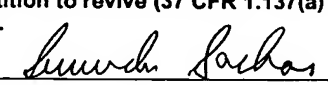
c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **15-0030**. A duplicate copy of this sheet is enclosed.

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number  
**22850**

  
 SIGNATURE  
**Norman F. Oblon**  
 NAME  
**24,618**  
 REGISTRATION NUMBER

**Surinder Sachar**  
**Registration No. 34,423**